# MRIGANK BHASKAR

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# PROFESSIONAL SKILLS

* Strong understanding in the DevOps methodologies and SDLC Including analysis, CI/CD Pipeline, Monitoring.
* Experience in writing shell scripting, Bash scripting and ansible playbooks for various automation task.
* Strong Industry experience in Linux, Unix, RHEL, AIX operating systems and servers.
* Ability to Integrate Git with Jenkins, created a freestyle Build Jobs using Jenkins.
* Integrated Maven with Jenkins, Remote triggering of a parametrized Build.
* Experience in Linux debugging related to networking, Files system, kernel debugging.
* Experience in Infrastructure as a code -Terraform and provisioning various cloud resources using Terraform.
* Strong knowledge in public cloud providers - AWS, Azure, OCI, GCP
* Experience in using PowerShell and Linux command line interface.
* Experience in writing ansible playbook for deploying various application like Apache, Apache2, Nagios in remote Linux server.
* Experience in ansible to automate and simplify process to manage and optimize Nginx and Tomcat based wed and applications platforms.
* Strong knowledge in containerization and monitoring.

# TECHNICAL SKILLS

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| --- | --- |
| Version Control system | Git, Git Hub, Docker Hub |
| Operating system | Linux, RHEL6/7/8, Ubuntu16/Ubuntu20, Unix |
| Databases | SQL, Oracle, Oracle8c |
| Virtualization | VMware, Vcentre, Vsphere, Citrix |
| Programing and scripting language | Python, Shell scripting, Ansible playbook |
| Infrastructure as a code (IaaS) | Terraform |
| Configuration Management | Ansible, Puppet |
| CI/CD Pipeline | Jenkins, Maven, Junit, Eclipse |
| Monitoring and logging tools | Nagios, ELK |
| Orchestration | Kubernetes, Docker, Docker compose, OpenShift |
| Cloud | AWS, Azure, OCI, GCP |

# PROFESSIONAL EXPERIENCE

**Capgemini India Private Limited, Mumbai Jan2021- Present**

**Software Engineer**

* Working in a Cloud infrastructure domain along with various teams of infrastructure.
* Responsible for setting up Apache web server using ansible on various servers.
* Creating freestyle jobs using CI tool and integrating Maven, Ant with Jenkins.
* Configuring remote parametrized builds in Jenkins.
* Architecting Jenkins Pipelines for scale.
* Also responsible for Integrating application to deployment.
* Writing shell scripting to automate various alerts and usage.
* Creating python scripts for limited work activities including web scrap data.
* Automating infrastructure using Terraform over the AWS cloud and provision various resources in it.
* Ability to write docker compose file.

**Mind lance Pvt ltd, Noida June-2019- Jan2021**

**Executive Hardware specialist**

* Working for core semi-conductor end clients based in USA.
* Outsourcing for manpower from background in ASIC verification, SOC design verification, DFT, physical design engineers.
* Utilizing my engineering skills to screen candidates perfectly, and to place them in best semiconductor companies.
* Well versed with emerging technologies related to semiconductor core fields.
* Also handling technical presentation to peers in term of VLSI requirements, candidate screening and some projects to be done over VHDL platform.

# INTERNSHIP

**Globe general industries, New Delhi June-2018**

**Automation in Elevator using PLC**

* Understand the use of automation in high-tech elevators using PLC.
* Gained exposure of learning new methodologies to check the error in PLC.

# DRDO – DIPR LAB, New Delhi June-2017

**Digital Modulation technique- QPSK**

* Performed implementation of modulation technique such as QPSK, BPSK, PSK, found the analysis of noise as well as BER, generating the graphical approach to understand the modulation and demodulation process.
* Also performed the similar analysis using MATLAB simulation to understand well about communication tool box highly useful in industrial level.
* As per observation the QPSK provide the double bandwith rate compared to other digital modulation techniques.
* The four quadrature phase of QPSK will have the constellation diagram where finding error is little bit cumbersome process, but with simple calculations it’s easy to know the average.

# PROJECTS

**Analysis of Digital Circuits using VHDL.**

* Perform the project over Gates functioning and variations in them using VHDL Simulation.
* Trace the waveform as generated when providing the inputs.
* After observation Performed verification to know the desirable outputs.

# Robotic ARM using Arduino UNO728P(Wired) Minor

* Made arm which can uplifts object UP and Down using 2- DC motors.
* The motors working synchronously as anticlockwise and clockwise to give the direction.
* The Arm was controlled using Joystics so that it smoothly functions.
* The programing was based On C language, burned inside Arduino UNO platform.
* The power being supplied to power module L298 for power terminals of Arduino.
* The convertor module was placed to covert AC into DC.

# Robotic ARM using Arduino UNO728P(Wireless) Major

* The above project was taken as major here. Made thing to be operated wire-Lesly
* By providing external reset button, was able to control arm movement without joystick .
* But due to heavy discharge of heat the arm couldn’t lift heavy object

# EDUCATION BACKGROUND

* **Bachelor of technology in ECE Graduated- June 2019**

Delhi institute of technology &Management **CGPA-8.02**

# 12TH 2015

GTBPS, New Delhi **Score-64%**

# 10th 2013

BRTPS, New Delhi **CGPA-6.02**

**CERTIFICATIONS:**

**DevOps Engineer, Master Program 2021-2022**

**SimpliLearn**

* Pursuing six months of online master program in DevOps at Simplilearn.
* Learning DevOps Agile methodologies to contribute in DevOps lifecycle.
* Learning tools and technologies in Continuous Integration, Continuous management, Continuous deployment, Continuous monitoring and reporting.

# Personality and Traits

* Responsibility and never give up attitude.
* Work actively and energetically
* Able to achieve the given objective within time.
* Social adaptability
* Great interpersonal skills and a strong team player

# HOBBIES

* Teaching, Speaker, Travelling, Sports – cricket, swimming.